COPPER SAMPLING SUMMARY SHEET

System number_____ Date form completed_____

System name_____

Individual completing form:

Name_____ Phone number_____

Address_____

For samples collected between_____

1.	11.	21.	31.	41.
2.	12.	22.	32.	42.
3.	13.	23.	33.	43.
4.	14.	24.	34.	44.
5.	15.	25.	35.	45.
6.	16.	26.	36.	46.
7.	17.	27.	37.	47.
8.	18.	28.	38.	48.
9.	19.	29.	39.	49.
10.	20.	30.	40.	50.

I certify, to the best of my knowledge, the data listed on this form is from kitchen and bathroom cold water taps taken immediately after the water has stood in the pipes for at least six hours (first-draw samples).

Signature_____
(person completing form)

This form, when completed, will determine if your drinking water system is in compliance with the Lead/Copper Rule (*Utah Public Drinking Water Rule, R309-103-1.4*).

INSTRUCTIONS

1. Arrange the Copper sample results in order of the entries with the **lowest result being entered on line one**, the **next lowest result on line two**, and so on until the **highest result is the last entry**.

2. Attach a copy of <u>all</u> sample results of analysis to this form.

(over)

In order to determine compliance with the Copper rule, you must calculate the 90th percentile and compare the result with the trigger levels.

The 90th Percentile is determined as follows:

1) If **5** results are listed:

   Take the result on line 4, and add it to the result on line 5, and then divide the total by 2. The answer is the 90th percentile.

2) If **10** results are listed:

   The value on line 9 is the 90th percentile.

3) If **20** results are listed:

   The value on line 18 is the 90th percentile.

4) If **30** results are listed:

   The value on line 27 is the 90th percentile.

5) If **40** results are listed:

   The value on line 36 is the 90th percentile.

6) If **50** results are listed:

   The value on line 45 is the 90th percentile.

The trigger level for Copper is 1300 ug/L or 1.30 mg/L. If the data from the laboratory is listed as: 50, 70, 120, 200, etc., the laboratory has reported the data in micrograms per liter (ug/L). The 90th percentile of this data should be compared with the trigger level of 1300 ug/L.

If the data from the laboratory is listed as: 0.50, 0.70, 1.20, 2.00, etc., the laboratory is reporting the data in milligrams per liter (mg/L). The 90th percentile should be compared with the trigger level of 1.30 mg/L.

If the trigger level for Copper is exceeded, you must:

1. Issue periodic public notices to your consumers.
2. Install and operate corrosion control treatment at your source waters.

If the Copper trigger level is exceeded, the Utah Division of Drinking Water will send you more details on the steps you must take.